## PATENT COOPERATION TREATY

# PCT.

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference ANVIL.001BPC	FOR FURTHER see Form PCT/ISA/220 ACTION as well as, where applicable, item 5 below.			
International application No. PCT/US05/36987	International filing date (day/month/year) 13 October 2005	(Earliest) Priority Date (day/month/year) 13 October 2004		
Applicant ANVIL MEDICAL, INC.				
according to Article 18. A copy is being This international search report consists	en prepared by this International Searching A gransmitted to the International Bureau.  of a total of			
the international appl a translation of the in of a translation furnis b. With regard to any nucleot  Certain claims were found  Unity of invention is lacking  With regard to the title,		, which is the language Rules 12.3(a) and 23.1(b))		
6. With regard to the drawings,  a. the figure of the drawings to be p  as suggested by the ap  as selected by this Au	I, according to Rule 38.2(b), by this Authority in the date of mailing of this international search bublished with the abstract is Figure No. 1 policant thority, because the applicant failed to suggest thority, because this figure better characterizes.	h report, submit comments to this Authority		

### INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/36987

Box No.	П	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This inte	matio	nal search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.		ns Nos.: use they relate to subject matter not required to be searched by this Authority, namely:
2. 🗀	becau	ns Nos.: use they relate to parts of the international application that do not comply with the prescribed requirements to such an at that no meaningful international search can be carried out, specifically:
3.		ns Nos.: use they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No.	Ш	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
Group I, Group II, balloon h	daims claims aving a	nal Scarching Authority found multiple inventions in this international application, as follows: 1-11, 14-28, drawn to a prosthesis and deployment catheter system having at least one frond. 12-13, drawn to a prosthesis and deployment system assembly, comprising: a catheter body; a balloon on the body, the an inflated profile 29, drawn to a dual guidewire catheter for treating vascular bifurcation.
The invertible inverti	ntions I lack to sand of a pros aving a in between attern	listed as Groups I-III do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule the same or corresponding special technical features for the following reasons: the special technical feature of a deployment catheter system having at least one frond as in Group I is not present in Groups II or III; the special technical sthesis and deployment system assembly, comprising: an elongate, flexible catheter body; a balloon on the body, the an inflated profile with a first section having a first diameter, a second section having a second diameter, and a balloon ween the first and second sections; and a prosthesis carried bythe balloon; wherein the prosthesis has a wall having a adjacent the first section of the balloon, and a second wall pattern adjacent the balloon transition of Group II is not an analysis of III; the special technical feature of the specifics of a dual guidewire catheter for treating vascular Group III is not present in Groups I or II.
ı. 📙	As all claims	required additional search fees were timely paid by the applicant, this international search report covers all searchable
	As all additio	searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of onal fees.
. 🔲	As onl only th	y some of the required additional search fees were timely paid by the applicant, this international search report covers uses claims for which fees were paid, specifically claims Nos.:
	restric	quired additional search fees were timely paid by the applicant. Consequently, this international search report is ted to the invention first mentioned in the claims; it is covered by claims Nos.:
temark o	n Prot	The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.  The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.  No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (2)) (April 2005)

#### INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/36987 CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61F00206 (2006.01) USPC - 623/1.35, 1.15, 1.16 According to International Patent Classification (IPC) or to both national classification and IPC FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC(8) - A61F 002/06 (2006.01) USPC - 623/1.35 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Micropatent, USPAT, USPGPUB, Entrez PubMed C. DOCUMENTS CONSIDERED TO BE RELEVANT Category\* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Α US 5,868,777 A (LAM) 09 February 1999 (09.02.1999) entire document, col 3 In 42-54 1-11, 14-28 US 6,663,665 B2 (SHAOLIAN et al) 16 December 2003 (16.12.2003) entire document 1-11, 14-28 US 6,663,666 B1 (QUIACHON et al) 16 December 2003 (16.12.2003) entire document 1-11, 14-28 US 6,682,557 B1 (QUIACHON et al) 27 January 2004 (27.01.2004) entire document 1-11, 14-28 US 6,325,826 B1 (VARDI et al) 04 December 2001 (04.12.2001) entire document 1-11, 14-28 US 6,210,429 B1 (VARDI et al) 03 April 2001 (03.04.2001) entire document 1-11, 14-28 US 6,599,316 B2 (VARDI et al) 29 July 2003 (29.07.2003) entire document 1-11, 14-28 US 6,596,020 B2 (VARDI et al) 22 July 2003 (22.07.2003) entire document 1-11, 14-28 US 4,994,071 A (MACGREGOR) 19 February 1991 (19.02.1991) entire document 1-11, 14-28 US 5,102,417 A (PALMAZ) 07 April 1992 (07.04.1992) entire document 1-11, 14-28 US 5,342,387 A (SUMMERS) 30 August 1994 (30.08.1994) entire document 1-11, 14-28 US 5,507,769 A (MARIN et al) 16 April 1996 (16.04.1996) entire document 1-11, 14-28 US 5,575,817 A (MARTIN) 19 November 1996 (19.11.1996) entire document 1-11, 14-28 Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance earlier application or patent but published on or after the international "X" filing date document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document referring to an oral disclosure, use, exhibition or other document published prior to the international filing date but later than document member of the same patent family the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 05 JUN 2006 10 March 2006 Name and mailing address of the ISA/US Authorized officer: Mail Stop PCT, Attn: ISA/'JS, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Lee. W. Young Facsimile No. 571-273-3201

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